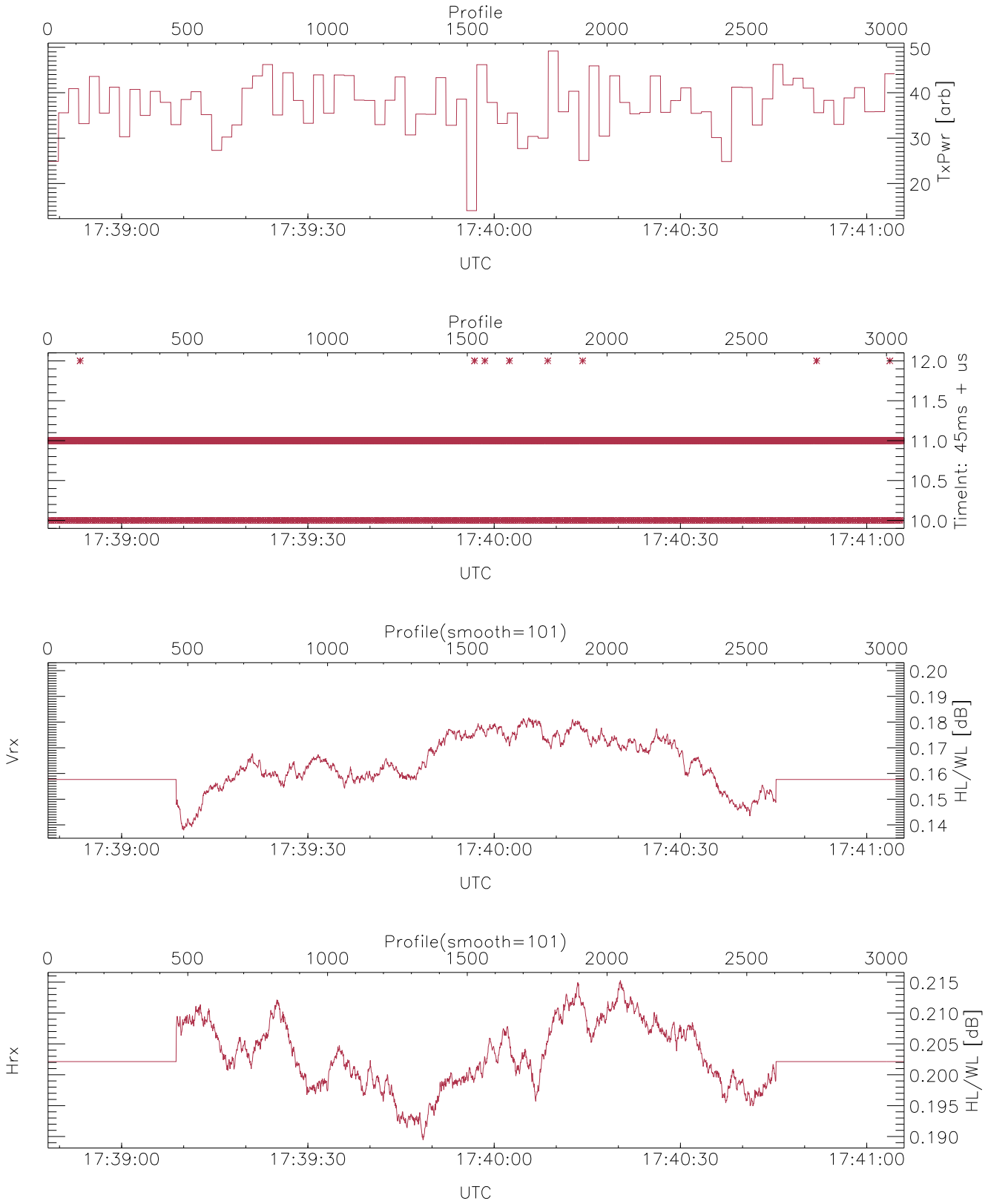
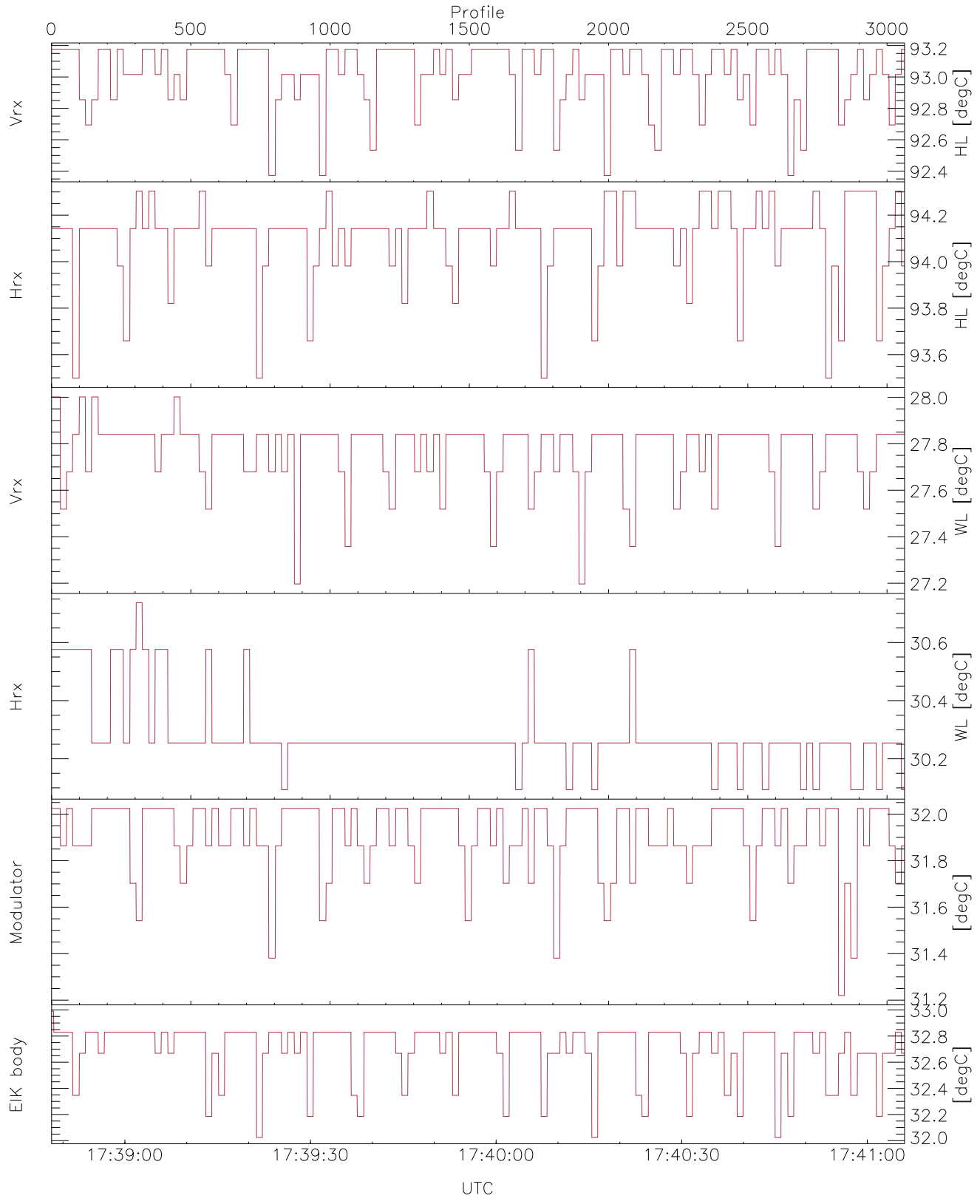


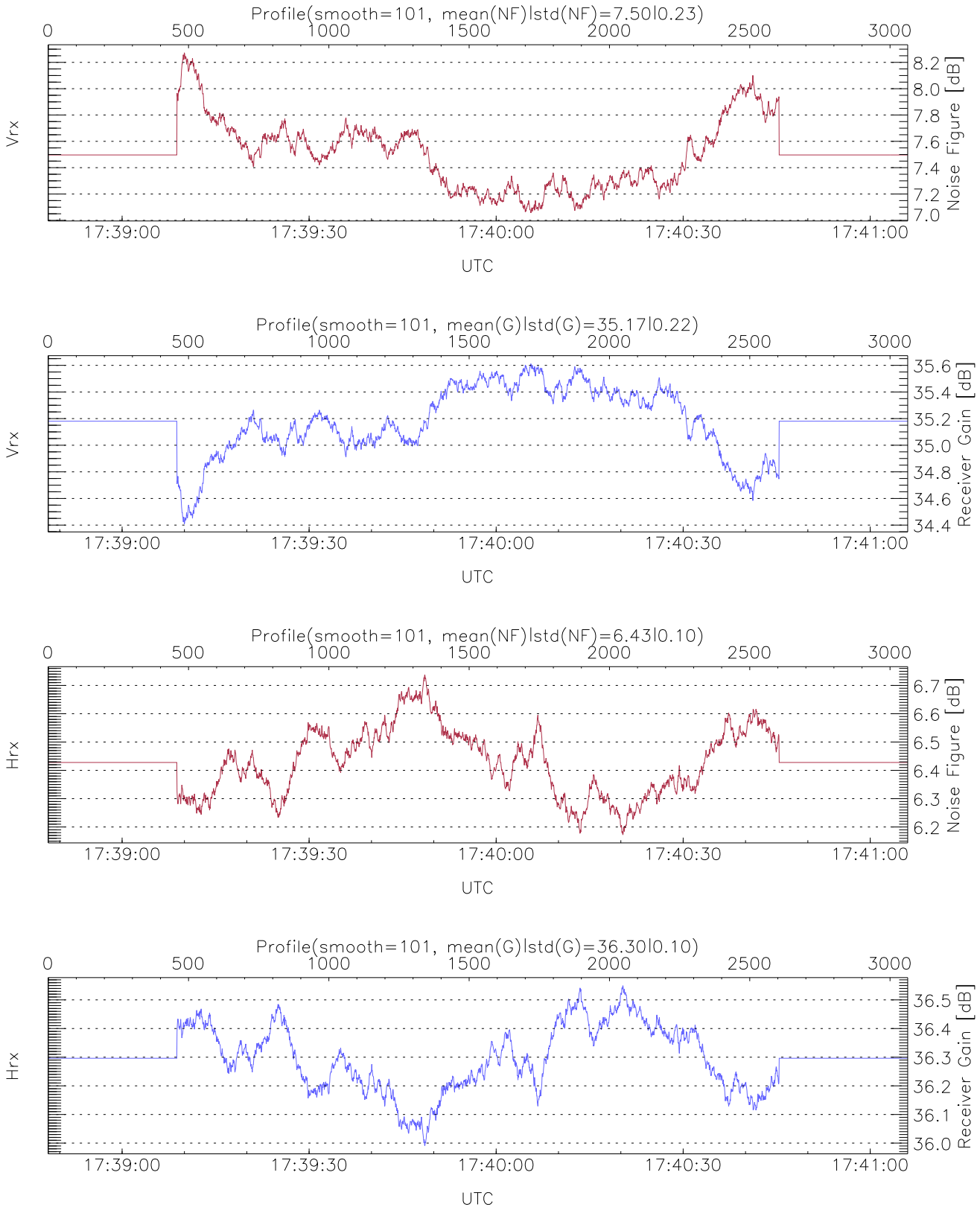
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:38:48-17:41:06, TimeCor: 0.00s, Dur: 137.87s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 3064/3064, 0-3063/17:38:48-17:41:06
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



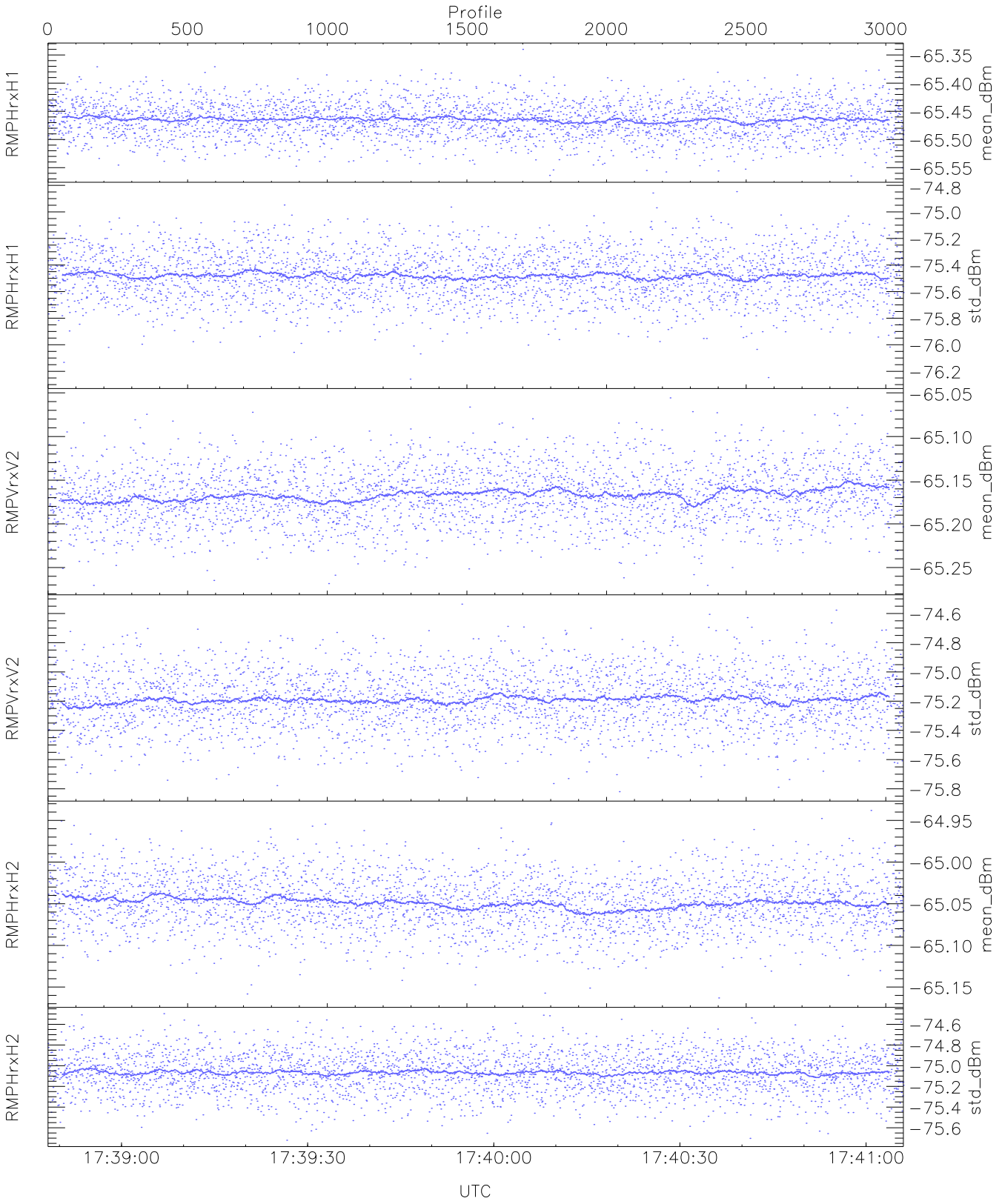
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,30,31,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,32,32
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



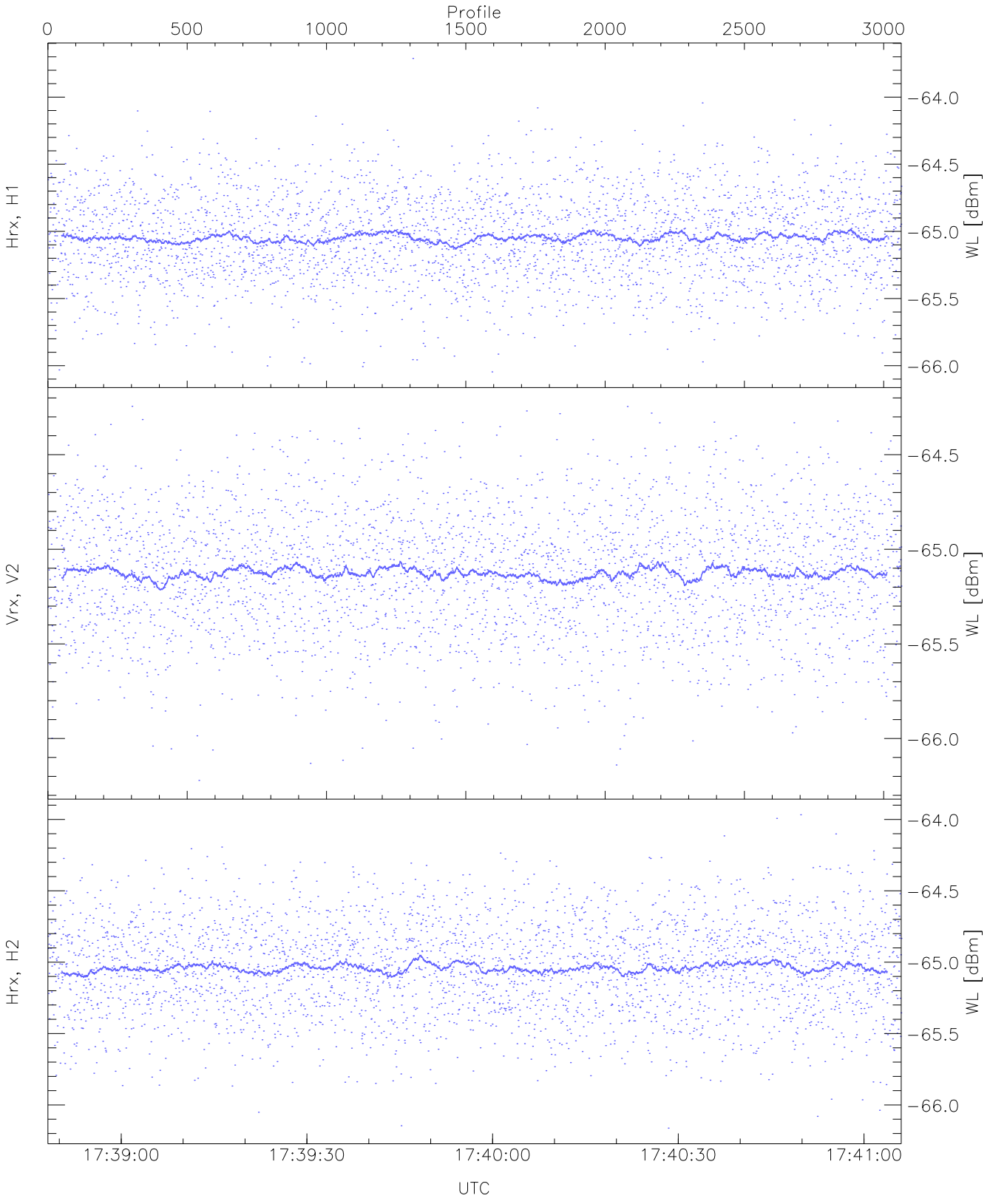
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



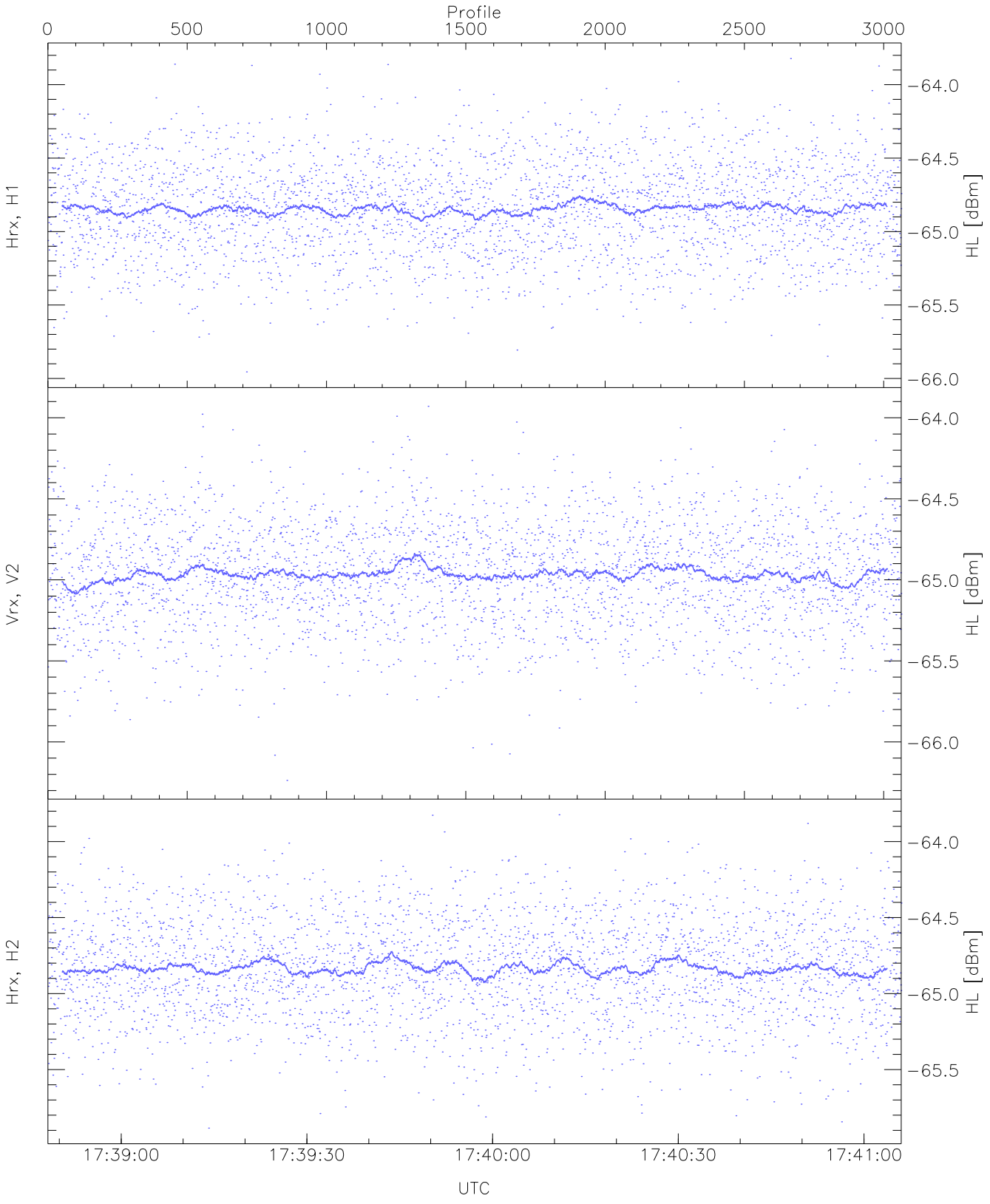
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.56	-65.34	-65.46	-65.46	-87.03
RMPHrxH1(std_dBm)	-76.26	-74.85	-75.48	-75.47	-89.31
RMPVrxV2(mean_dBm)	-65.27	-65.06	-65.17	-65.17	-86.64
RMPVrxV2(std_dBm)	-75.82	-74.54	-75.19	-75.19	-88.88
RMPHrxH2(mean_dBm)	-65.16	-64.94	-65.05	-65.05	-86.57
RMPHrxH2(std_dBm)	-75.72	-74.50	-75.06	-75.06	-88.74



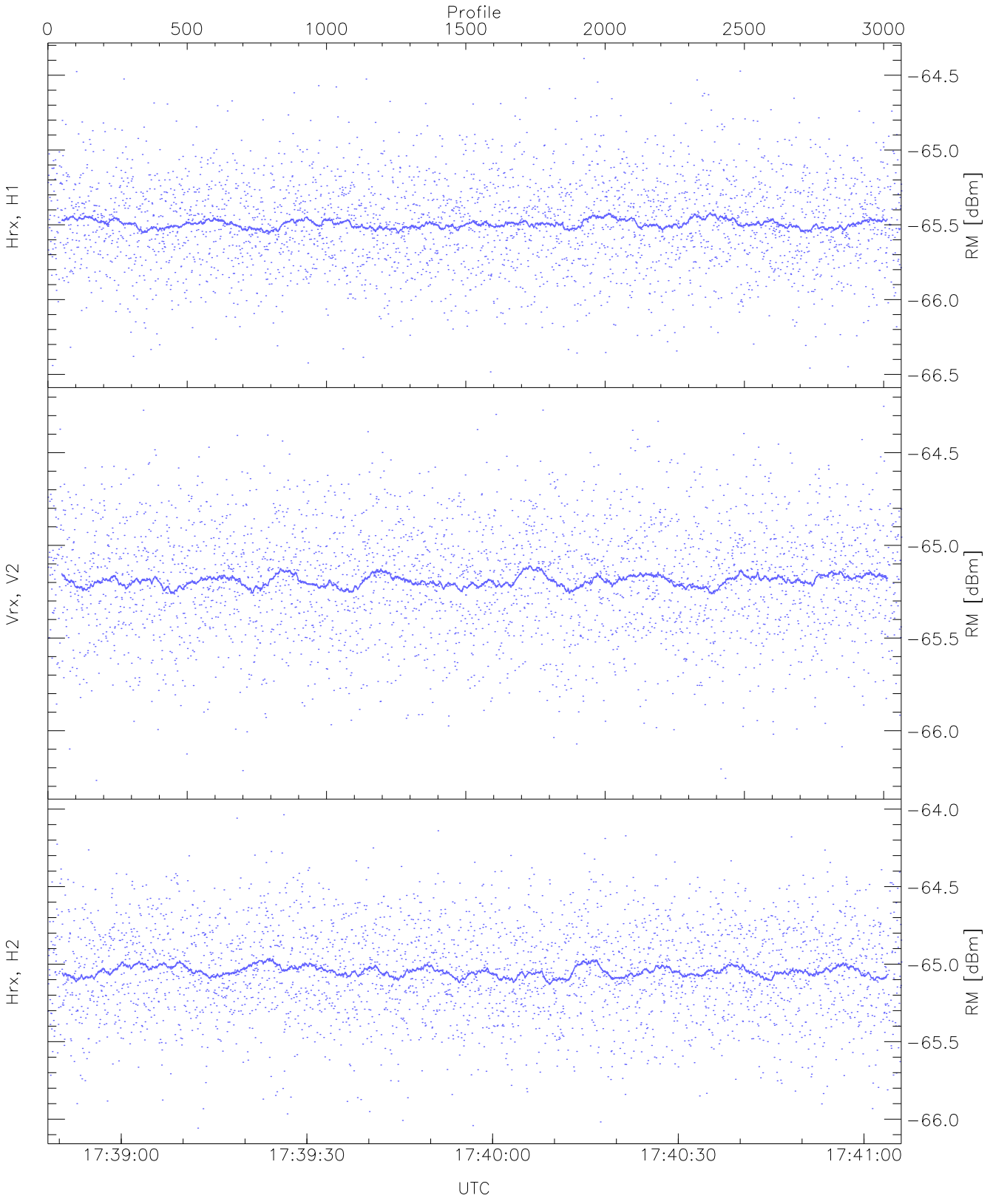
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.05	-63.71	-65.04	-65.05	-76.52
Vrx, V2(WL [dBm])	-66.22	-64.24	-65.12	-65.12	-76.63
Hrx, H2(WL [dBm])	-66.16	-63.97	-65.03	-65.04	-76.46



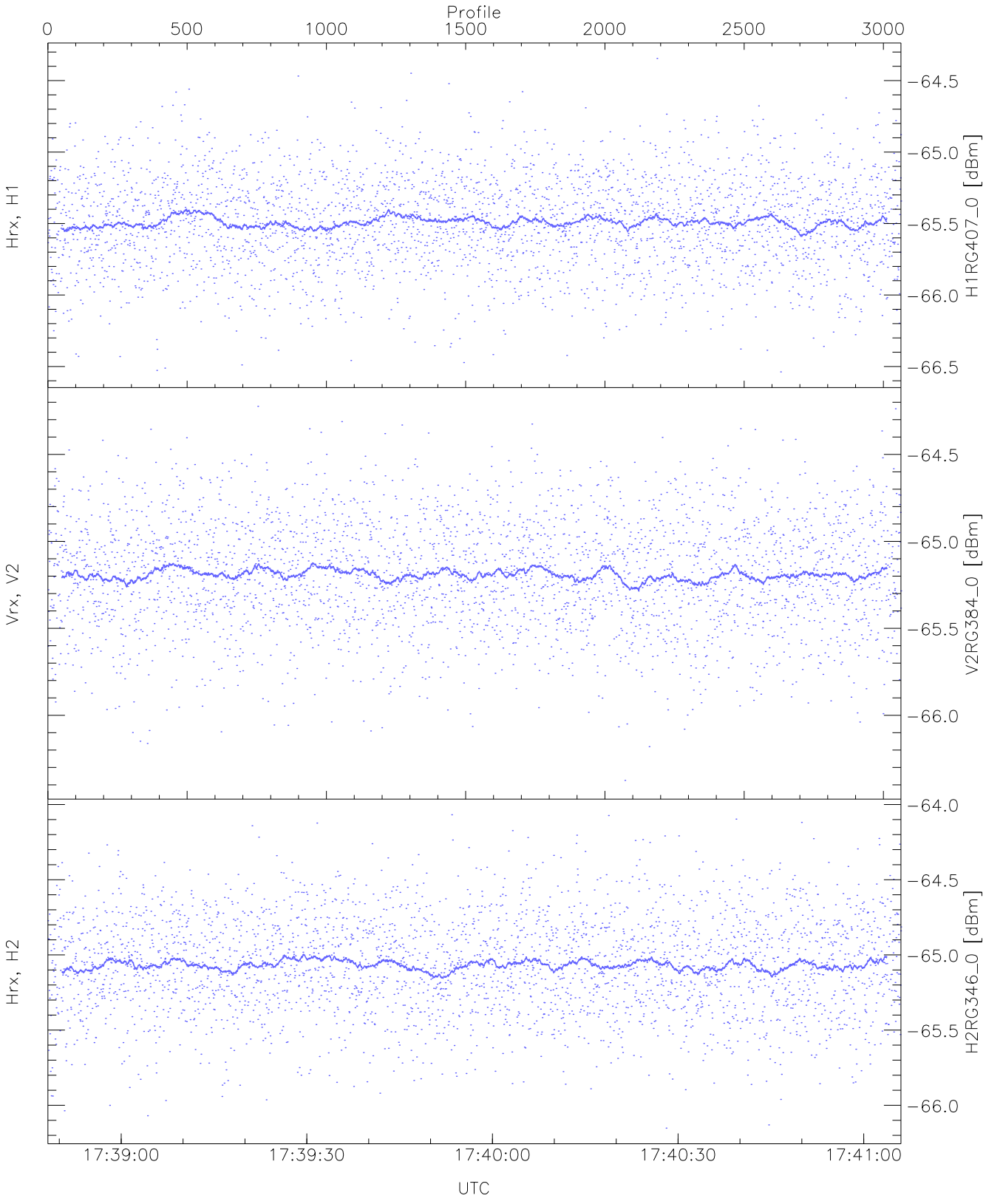
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.96	-63.82	-64.84	-64.84	-76.40
Vrx, V2(HL [dBm])	-66.24	-63.93	-64.96	-64.96	-76.52
Hrx, H2(HL [dBm])	-65.89	-63.82	-64.83	-64.83	-76.27



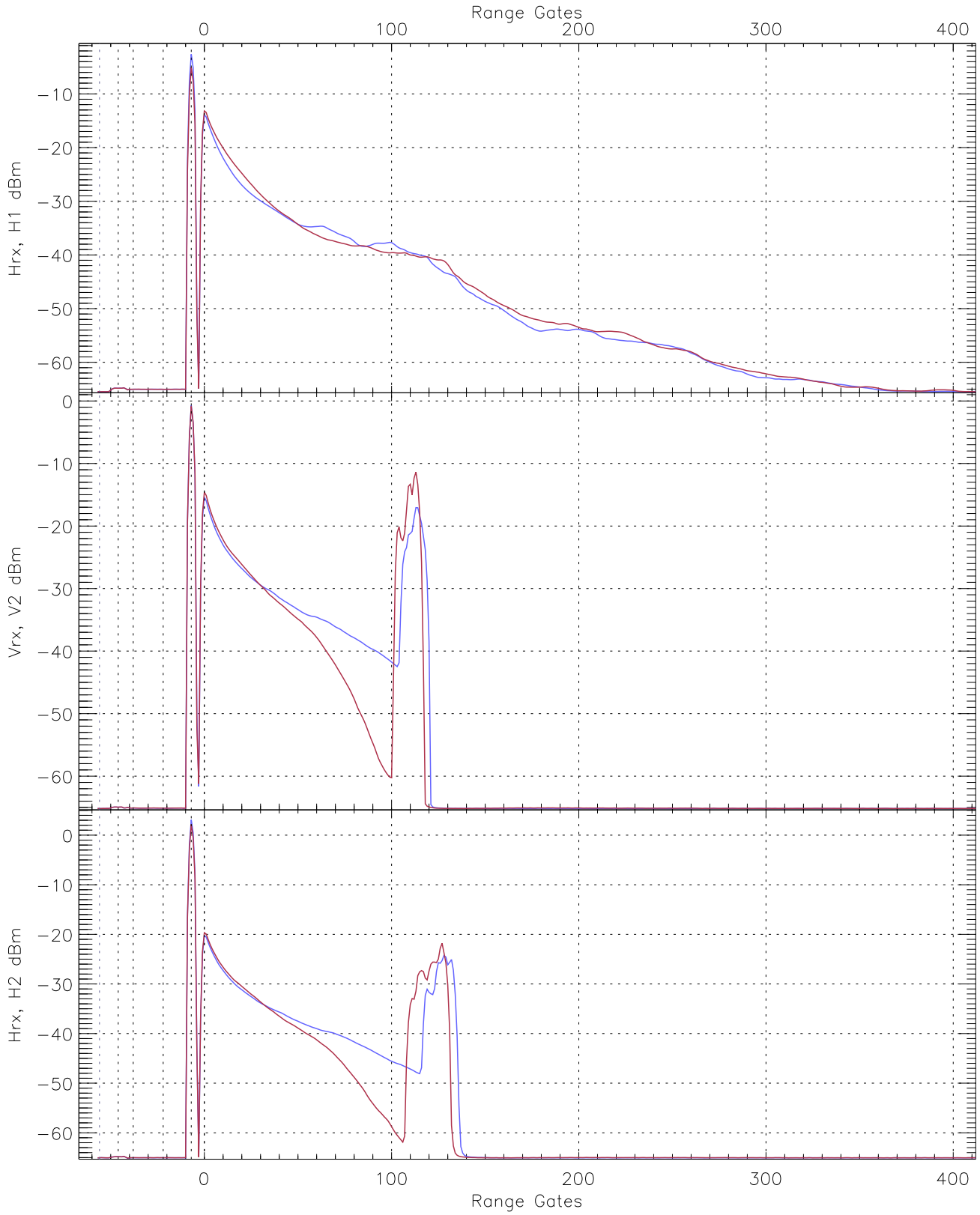
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.48	-64.39	-65.48	-65.50	-77.05
Vrx, V2(RM [dBm])	-66.27	-64.25	-65.18	-65.18	-76.80
Hrx, H2(RM [dBm])	-66.06	-64.04	-65.04	-65.05	-76.63

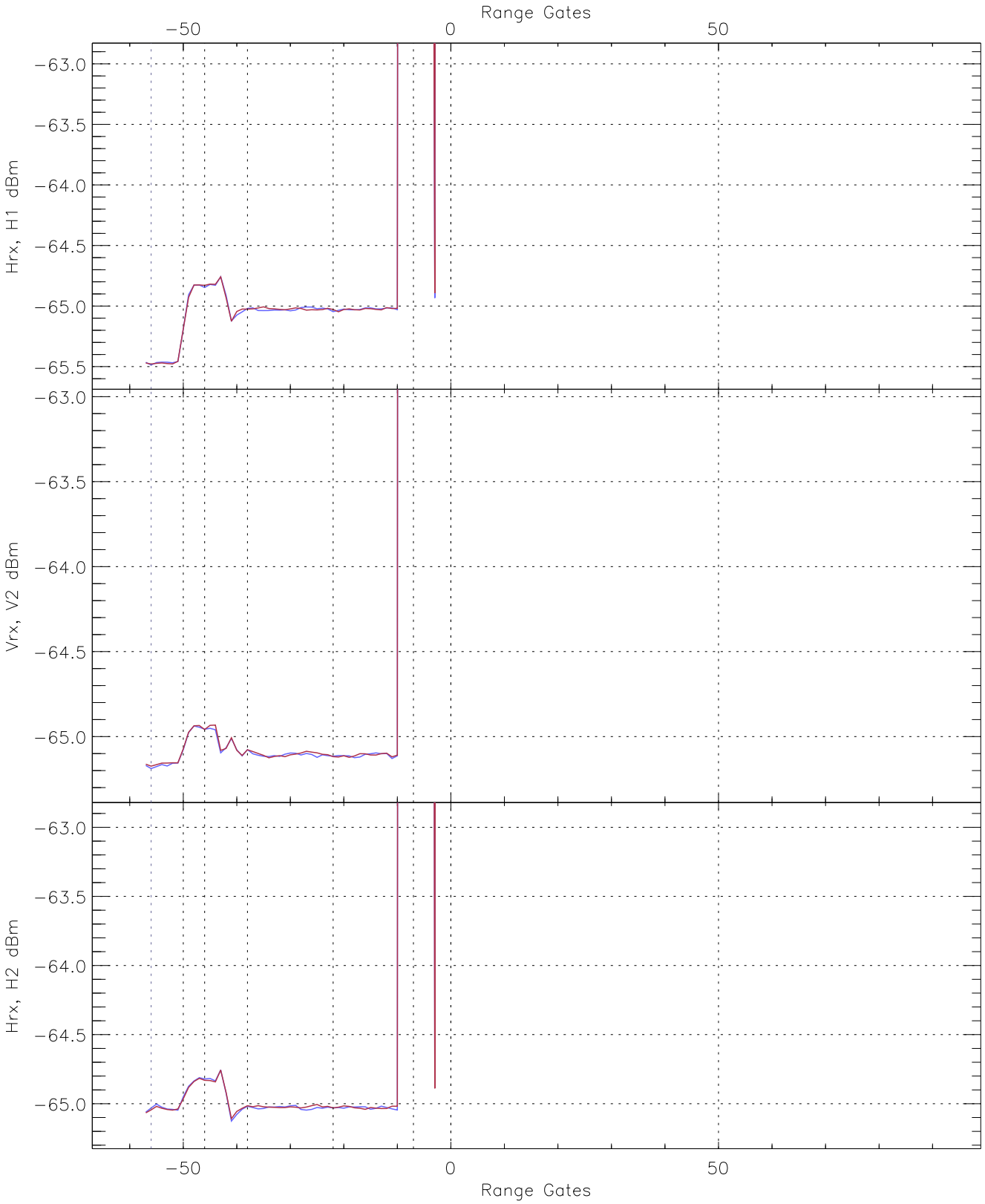


WCR3 CPP "Best" estimate Receivers Noise Power

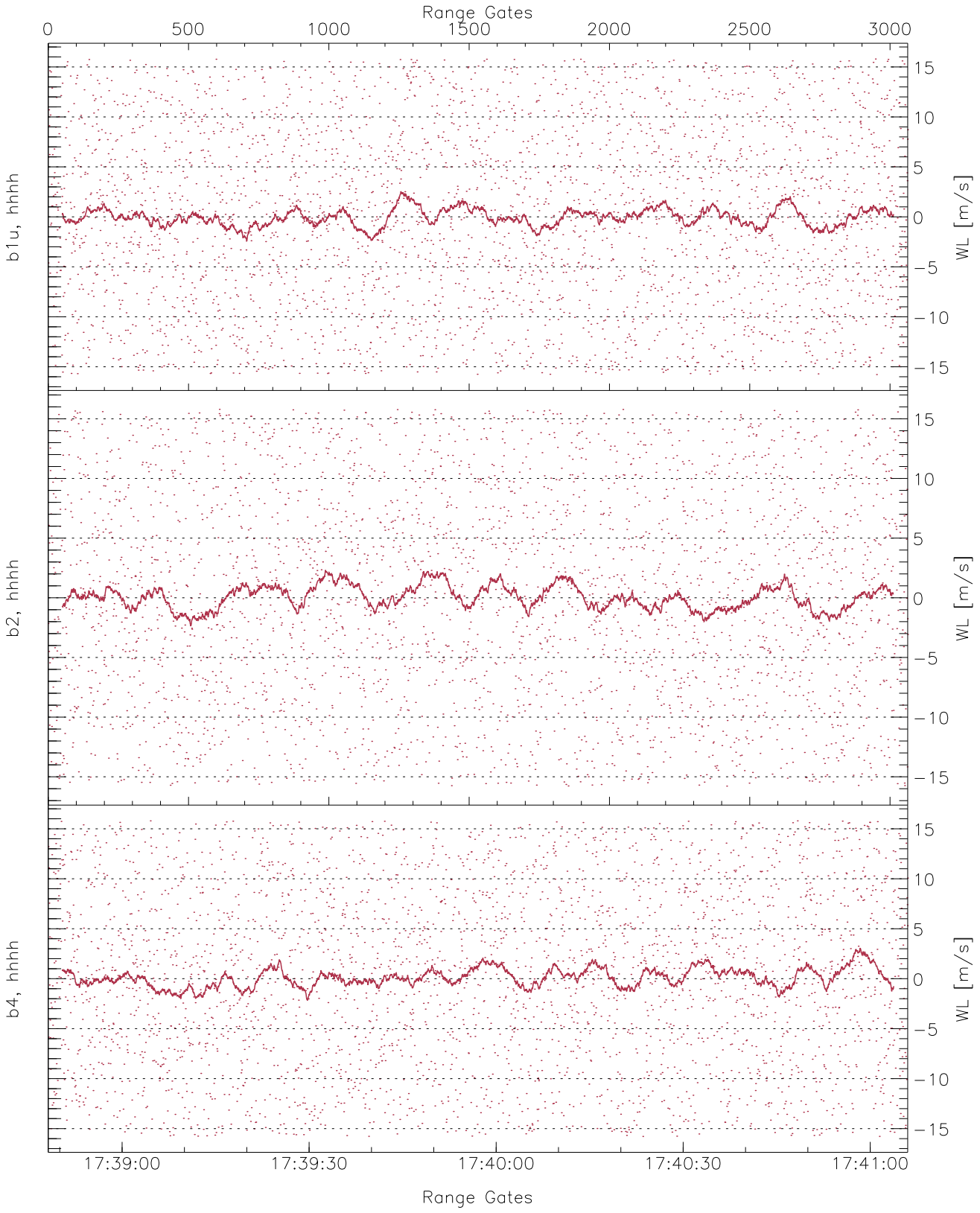
	Min	Max	Mean	Median	StDev
H1RG407_0 [dBm]	-66.54	-64.35	-65.48	-65.49	-76.92
V2RG384_0 [dBm]	-66.37	-64.22	-65.18	-65.19	-76.67
H2RG346_0 [dBm]	-66.15	-64.07	-65.06	-65.07	-76.42



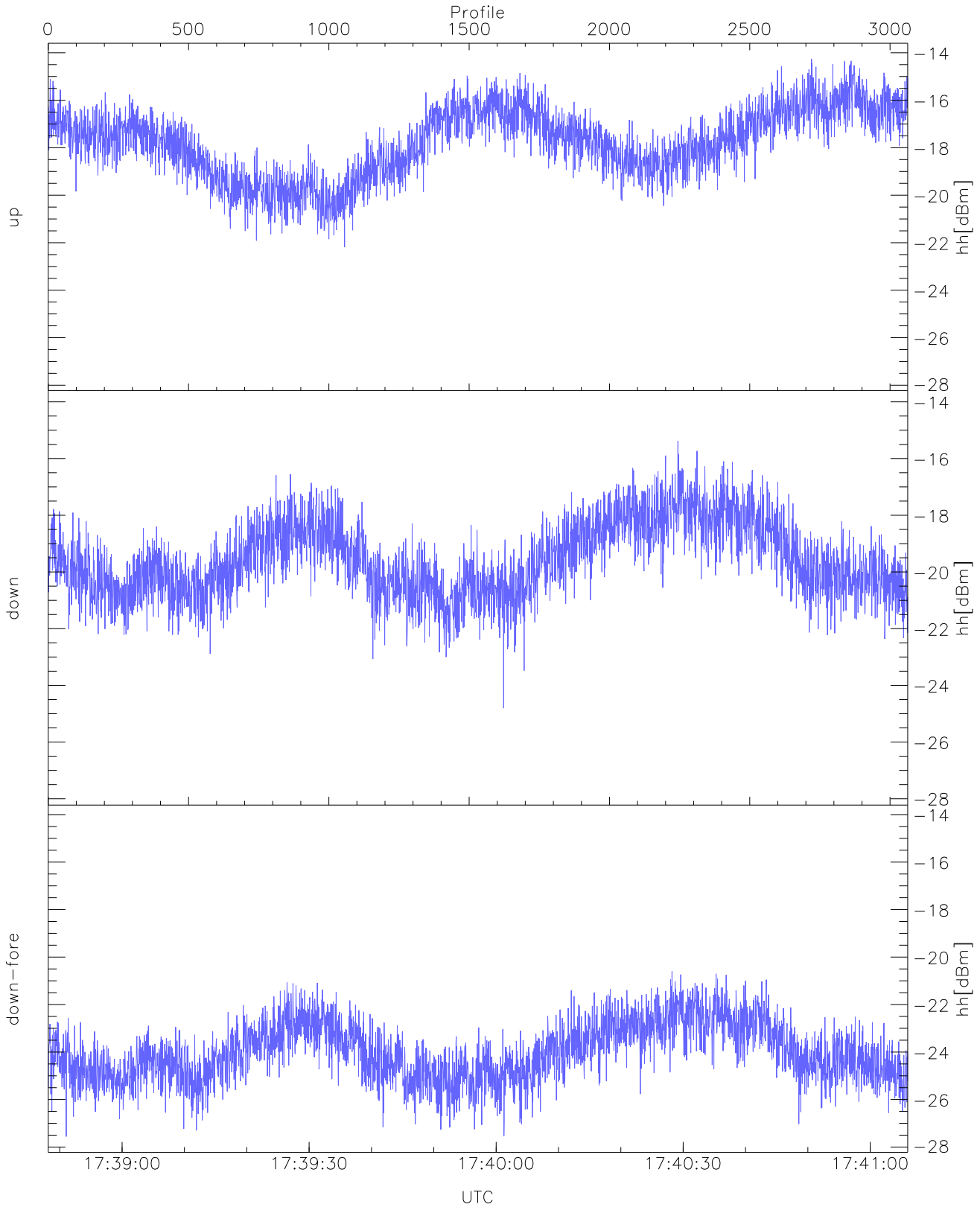
WCR3 CPP Averaged Received power for all recorded gates
blue: 173848-173957, 1533 profiles averaged
red: 173957-174106, 1532 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 173848-173957, 1533 profiles averaged
red: 173957-174106, 1532 profiles averaged

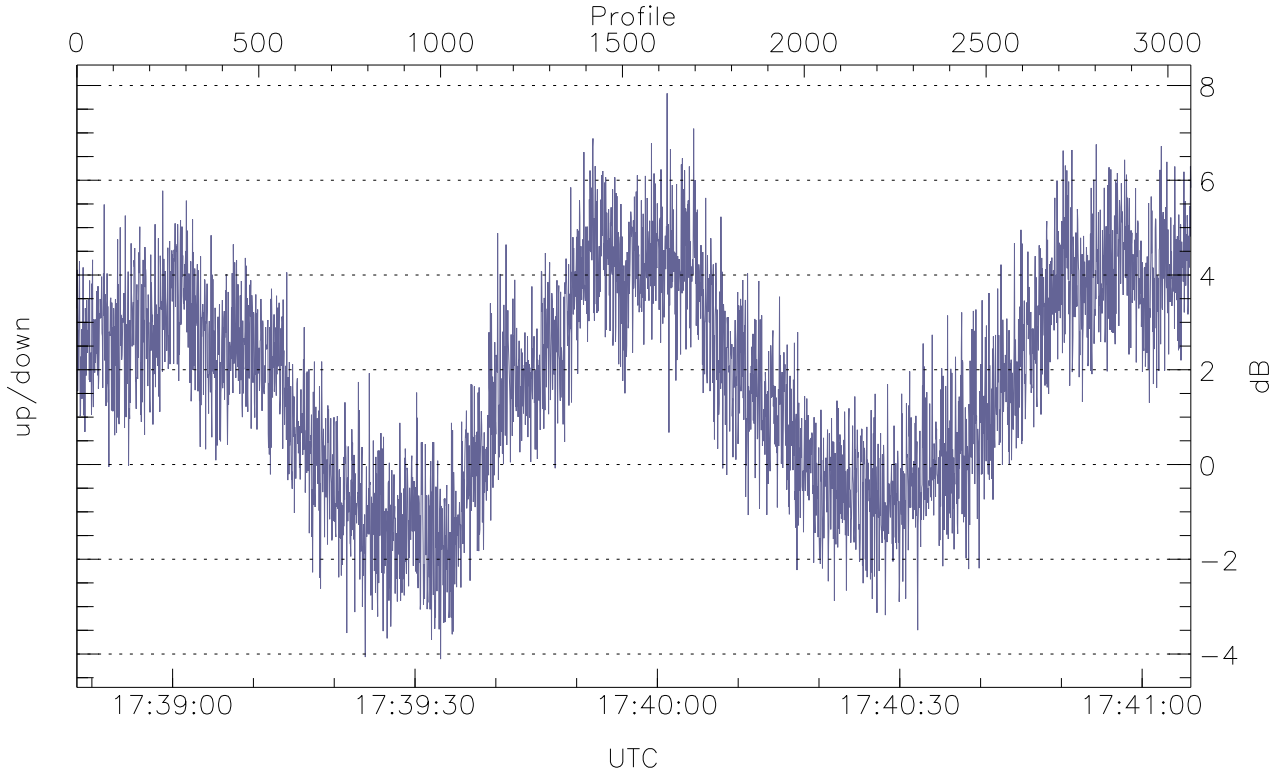


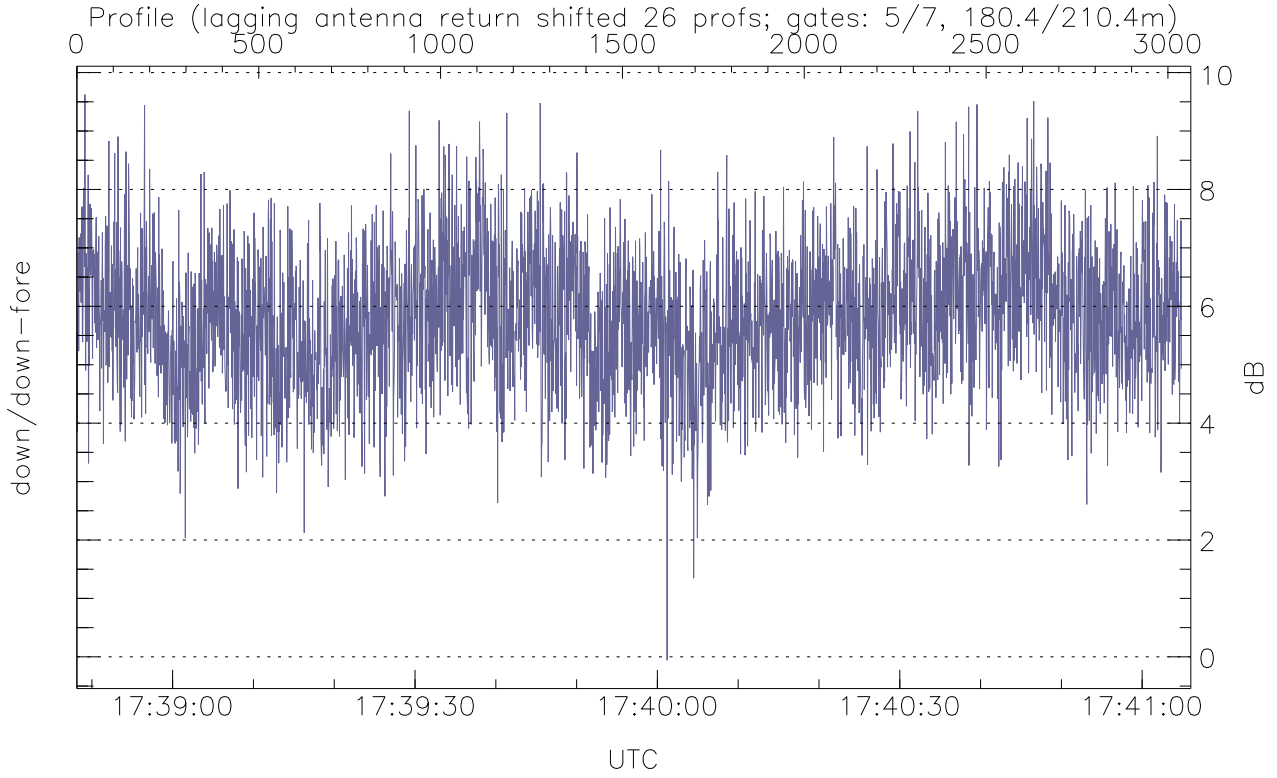
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

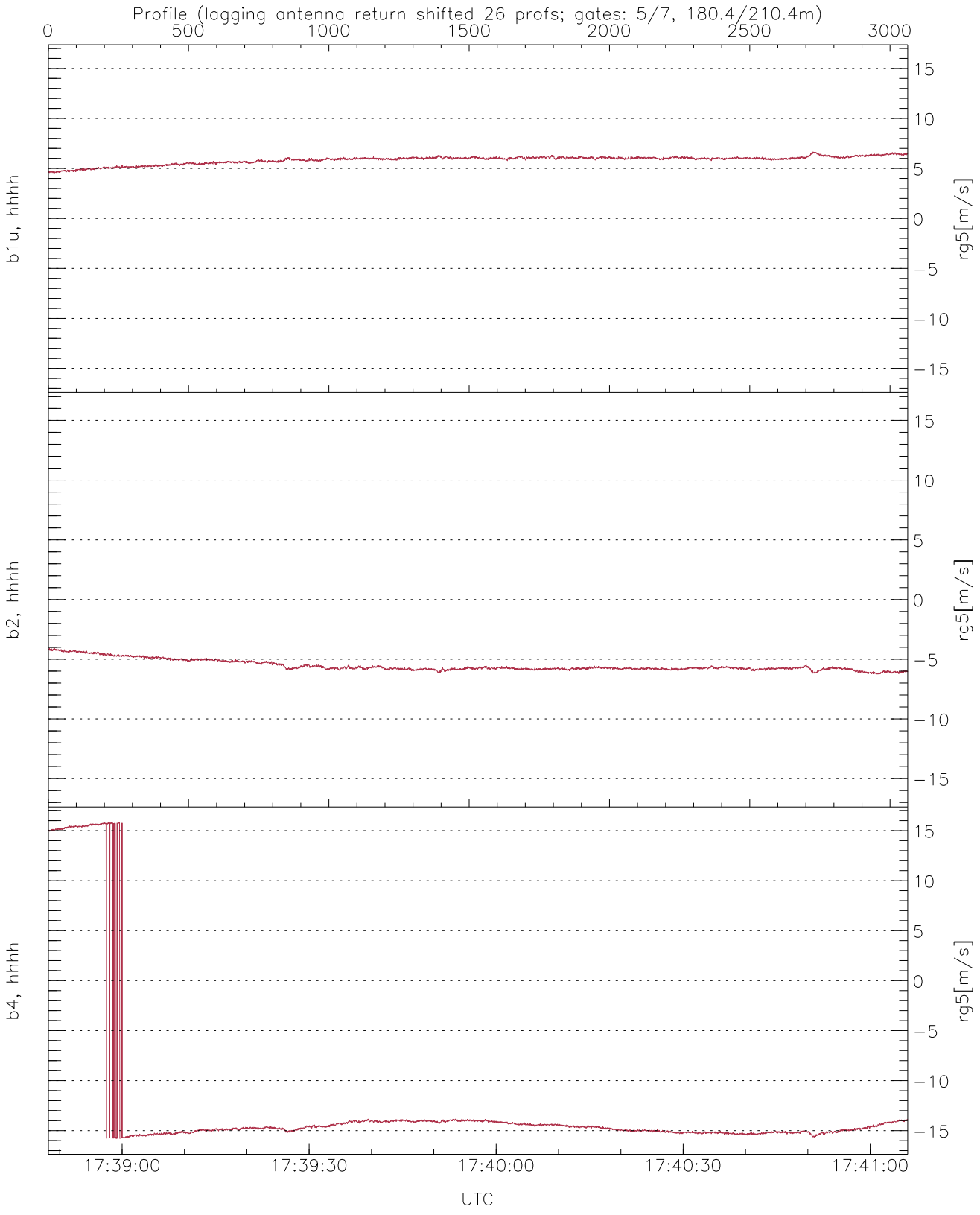
	Min	Max	Mean
up(hh[dBm])	-22.19	-14.26	-17.56
down(hh[dBm])	-24.81	-15.38	-19.39
down-fore(hh[dBm])	-27.56	-20.60	-23.84





WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-4.11	7.84	1.79
down/down-fore(dB)	-0.06	9.63	5.82



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	4.54	6.64	5.85	0.40
b2, hhhh(rg5[m/s])	-6.26	-4.07	-5.55	0.47
b4, hhhh(rg5[m/s])	-15.79	15.79	-12.33	8.20